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JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

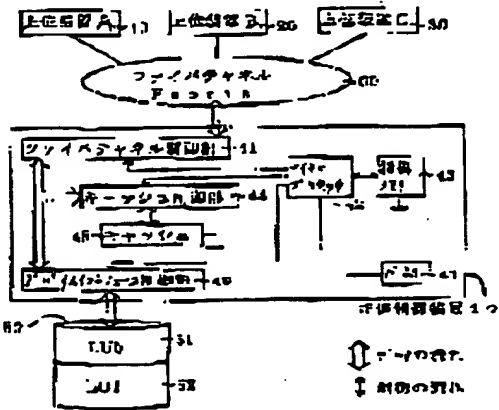
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(21) Application number: 09140029 (22) Date of filing: 29.05.1997	(71) Applicant: (72) Inventor:	HITACHI LTD SANADA AKIYOSHI NAKANO TOSHIO IWASAKI HIDEHIKO SATO MASAHICO MURAOKA KENJI TAKAGI KENICHI KOBAYASHI MASAOKI

(54) FIBER CHANNEL CONNECTION STORAGE CONTROLLER

(57) Abstract

PROBLEM TO BE SOLVED: To provide a fiber channel connection storage controller having a security function for preventing any illegal access from a host device in an environment in which access from all of host devices can be physically accepted.
SOLUTION: N Port Name information for uniquely identifying a host device is set in a microprocessor 42 of a storage controller 40 before the starting of host devices 10, 20, and 30. When the host devices 10, 20, and 30 are started, and an issued frame is received by the storage controller 40, the microprocessor 42 operates comparison to detect whether or not the N Port Name information stored in this frame is registered in an N Port Name list in a control table already set and held in the microprocessor 42, and continues a processing based on the instruction of the frame when they are made coincident, and rejects the request when they are not made coincident. Thus, any illegal access from the host device can be suppressed, and the security can be held.



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